

Don't Ditch the Boat

- You need**
- ☒ scales
 - ☒ measuring jugs
 - ☒ 2 litre plastic bottles filled with water
 - ☒ Plasticine or play dough (for the survival slab)
 - ☒ counters (for pills)

Activity

A boat sailing from Tonga hits a rock and sinks. There are five sailors left floating about in a lifeboat.

This is all they have to eat and drink:



To help them share out the food and drink, they have these things:



They want the food to last 2 days.

1. How much water should each person drink each day?
2. How much survival slab should each person eat each day?
3. How many vitamin pills should each person take each day?

After 2 days, they meet another lifeboat with four people in it who had started with exactly the same supplies and equipment.

4. How had the second lifeboat shared out their resources over the 2 days?

